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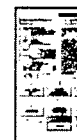
Title: **RU2158610C2: METHOD AND APPARATUS FOR REGULATING AND CONTROLLING OF OXYGEN CONCENTRATION**

Derwent Title: Control and monitoring of oxygen concentration for production of hypoxic gaseous mixtures by separating compressed air into parallel oxygen depleted and enriched flows and using constant and variable pneumatic resistances
([Derwent Record](#))

Country: RU Russian Federation

Kind: C2 Patent (Second Publication) ⁱ

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Published / Filed: 2000-11-10 / 1998-12-15

Application Number: RU1998000122680

IPC Code: A61M 16/00;

ECLA Code: None

Priority Number: 1998-12-15 RU1998000122680

Abstract: medical equipment. SUBSTANCE: method involves setting air pressure at output; initially dividing output flow into two subflows, then uniting these subflows, with pneumatic resistance at path of one subflow being maintained at constant level; regulating pneumatic resistance at path of other subflow till united flow has fixed value. Apparatus has membrane-type module and pneumatic line connected to membrane-type module output. Pneumatic line has pneumatic resistor. Flow rate meter is positioned in series with pneumatic line. Apparatus and method may be used for regulating and controlling of oxygen concentration in the process of producing hypoxic gas mixtures by means of semipermeable membranes. EFFECT: enhanced reliability in operation and improved control of oxygen concentration in produced gas mixture. 8 cl, 6 dwg

INPADOC Legal Status: None [Get Now: Family Legal Status Report](#)

Designated Country: AL AM AP AT AZ BA BB BG BR BY CA CH CN CU CZ DE DK EA EE EP ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

Family:

PDF	Publication	Pub. Date	Filed	Title

<input type="checkbox"/>	WO0035526A1	2000-06-22	1999-11-04	METHOD FOR CONTROLLING AND MC OXYGEN CONCENTRATION AND DEVI REALISING THE SAME
<input checked="" type="checkbox"/>	RU2158610C2	2000-11-10	1998-12-15	METHOD AND APPARATUS FOR REGI AND CONTROLLING OF OXYGEN CONCENTRATION
<input checked="" type="checkbox"/>	AU0013010A5	2000-07-03	1999-11-04	METHOD FOR CONTROLLING AND MC OXYGEN CONCENTRATION AND DEVI REALISING THE SAME
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